

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	6	((("6169059") or ("5523006") or ("5560898") or ("5853877") or ("6099965") or ("5165909")).PN.	USPAT; USOCR	OR	OFF	2006/07/27 16:20
S3	5	zhang-zhiqiang.in.	USPAT	AND	OFF	2006/07/26 12:07
S4	0	("6783746").URPN.	USPAT	AND	OFF	2006/07/26 12:13
S5	93221	lubricant	USPAT	AND	OFF	2006/07/26 15:18
S6	2331	S5 and (thermal adj conductivity)	USPAT	AND	OFF	2006/07/26 15:19
S8	2131	S5 and (thermal adj conductivity) @ad<"20020530"	USPAT	AND	OFF	2006/07/26 15:21
S9	1353	S8 and (carbon or graphite)	USPAT	AND	OFF	2006/07/26 15:21
S11	40	S9 and "508".clas.	USPAT	AND	OFF	2006/07/26 15:58
S12	680	S9 and dispers\$3	USPAT	AND	OFF	2006/07/26 15:53
S13	3	S12 and (nanomaterial or nanotube or nanofiber)	USPAT	AND	OFF	2006/07/26 15:52
S14	1521	(nanomaterial or nanotube or nanofiber)	USPAT	AND	OFF	2006/07/26 15:56
S15	70	S5 and S14	USPAT	AND	OFF	2006/07/26 15:57
S16	370	S14 and fluid	USPAT	AND	OFF	2006/07/26 15:57
S17	217	S16 and dispers\$3	USPAT	AND	OFF	2006/07/26 15:57
S18	119	S16 and dispers\$3 and @ad<"20020530"	USPAT	AND	OFF	2006/07/26 15:58
S19	119	S16 and dispers\$3 and @ad<"20020530"	US-PGPUB; USPAT	AND	OFF	2006/07/26 16:19
S22	22	S19 and lubric\$8	US-PGPUB; USPAT	AND	OFF	2006/07/26 16:18
S23	1521	S14	US-PGPUB; USPAT	AND	ON	2006/07/26 16:19
S24	8858	(nanomaterial\$1 or nanotube\$1 or nanofiber\$1)	US-PGPUB; USPAT	AND	ON	2006/07/26 16:19
S26	104	S5 and S24	US-PGPUB; USPAT	AND	ON	2006/07/26 16:20
S27	65	S26 and dispers\$3	US-PGPUB; USPAT	AND	ON	2006/07/26 16:20
S29	884	S24 and lubric\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/26 16:22
S30	226	S29 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/26 16:23

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S31	135	S30 and thermal	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/26 16:26
S32	122	S31 and (fluid or liquid or oil or grease)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/26 16:38
S33	23	S32 and dispersant	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 09:46
S34	5	("5641424" "5863463" "6043199" "6059996" "6103144").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/07/27 08:10
S35	9	252/70.ccls. AND (nanotube or nanofiber or nanomaterial)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/27 11:23
S36	6	S35 and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/27 09:41
S37	2	252/71.ccls. AND (nanotube or nanofiber or nanomaterial) AND @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/27 09:44
S38	8	252/7\$.ccls. AND (nanotube or nanofiber or nanomaterial) AND @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/27 09:44
S39	8908	(nanomaterial\$1 or nanotube\$1 or nanofiber\$1)	US-PGPUB; USPAT	AND	ON	2006/07/27 09:46
S40	890	S39 and lubric\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 09:46
S41	226	S40 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 09:46
S42	135	S41 and thermal	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 09:46
S43	122	S42 and (fluid or liquid or oil or grease)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 09:46
S44	13	S43 and "dispersing agent"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 09:47
S45	93221	lubricant	USPAT	AND	OFF	2006/07/27 10:05

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S46	2131	S45 and (thermal adj conductivity) @ad<"20020530"	USPAT	AND	OFF	2006/07/27 10:05
S47	1353	S46 and (carbon or graphite)	USPAT	AND	OFF	2006/07/27 10:05
S48	40	S47 and "508".clas.	US-PGPUB; USPAT	AND	OFF	2006/07/27 10:08
S49	23	S43 and dispersant	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 10:09
S50	63	S48 or S49	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2006/07/27 10:09
S51	0	(nanomaterial\$1 or nanotube\$1 or nanofiber\$1 or nanoparticle\$1) and @ad<"20020530" and lubric\$8 and thermal and (fluid or liquid or oil or grease or medium) and dispersant	EPO; JPO	AND	ON	2006/07/27 10:11
S52	63	(nanomaterial\$1 or nanotube\$1 or nanofiber\$1 or nanoparticle\$1) and @ad<"20020530" and lubric\$8 and thermal and (fluid or liquid or oil or grease or medium) and dispersant	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 10:11
S53	15	("5853877").URPN.	USPAT	AND	OFF	2006/07/27 10:12
S54	12	S53 and @ad<"20020530"	USPAT	AND	OFF	2006/07/27 10:41
S55	1235	"pour point depressant" and @ad<"20020530"	USPAT	AND	OFF	2006/07/27 10:42
S56	1123	S55 and lubric\$8	USPAT	AND	OFF	2006/07/27 10:42
S57	508	S56 and thermal	USPAT	AND	OFF	2006/07/27 10:43
S58	1199	"pour point depressant" and @ad<"20020530" and lubric\$8 and thermal	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 10:44
S59	984	S58 and dispers\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 10:47
S60	0	S59 and S39	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 10:47
S61	678	S59 and "508".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 10:48
S62	3	S61 and 508/113.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 10:48
S63	4	("4735733").URPN.	USPAT	AND	OFF	2006/07/27 10:52
S64	2	withers.in. and triton	USPAT	AND	OFF	2006/07/27 11:02

EAST Search History

S66	3	"1052307".pn.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/27 11:20
S67	1	"10065671".pn.	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/27 11:22
S68	4	"949199".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/27 11:24
S69	69	traditional adj (dispersant or dispersing agent)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 16:22
S70	26	S69 and petroleum	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/27 16:23
S71	10587	(heat adj transfer adj fluid)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/28 08:15
S72	7209	(heat adj transfer adj fluid) and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/28 08:15
S73	1447	S72 and dispers\$3	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:15
S74	47	S72 and ("dispersing agent")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:16
S75	1447	S73 or S74	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:16
S76	31	S75 and (nanotube or nanomaterial or nanoparticle or nanofiber)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:23
S77	940	S75 and (carbon or graphite)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:24
S78	116	S75 and nano\$12	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:25

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S79	1447	S75 and ("thermal conductivity" or "heat transfer")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:26
S80	940	S77 and ("thermal conductivity" or "heat transfer")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:26
S81	137	S77 and ("thermal conductivity")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:26
S82	29	S81 and lubric\$8	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:50
S83	11	S72 and polyolester	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 08:54
S84	118	S72 and diester	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 09:23
S85	109	succinimide and nanotube	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 09:23
S86	39	succinimide and nanotube and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 09:25
S87	3	succinimide and nanotube and dispersant and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 10:07
S88	0	(seal adj swelling adj agent) and S72	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 10:10
S89	45	(seal adj swelling adj agent)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 10:10
S90	30	(seal adj swelling adj agent) and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 10:31

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S91	201	("functional fluid") and ("ashless dispersant") and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 10:33
S92	80	("functional fluid") and ("ashless dispersant") and thermal and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 10:33
S93	27	("functional fluid") and ("ashless dispersant") and ("heat transfer") and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/28 10:37
S94	1	("5652201").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/28 10:38
S95	2	("3272746").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 08:54
S96	2	("3821302").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 08:56
S97	1	("4234435").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 08:56
S98	1	"4632769".pn.	USPAT	AND	OFF	2006/07/31 09:19
S99	1	"4632769".pn.	USPAT	AND	OFF	2006/07/31 09:31
S100	22	"4519929"	USPAT	AND	OFF	2006/07/31 09:32
S101	1	("4160739").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 09:33
S102	1	("4149984").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/31 10:51
S103	94	pre-shear	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 10:51
S104	33	S103 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 10:52
S105	9	S104 and carbon	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 10:53
S106	79	pre-shearing	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 10:53

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S107	49	pre-shearing and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 10:54
S108	19	pre-shearing and @ad<"20020530" and carbon	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:02
S109	0	(nanotube\$1 or nanofiber\$1 or nanomaterial\$1 or nanoparticle\$1) AND pre-shear\$3 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:02
S110	4	(nanotube\$1 or nanofiber\$1 or nanomaterial\$1 or nanoparticle\$1) AND pre-shear\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:04
S111	1095	(nanotube\$1 or nanofiber\$1 or nanomaterial\$1 or nanoparticle\$1) AND ultrasonic\$4 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:04
S112	220	(nanotube\$1 or nanofiber\$1 or nanomaterial\$1 or nanoparticle\$1) AND ultrasonic\$4 and @ad<"20020530" and milling	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:12
S113	0	S111 and preshead\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:12
S114	0	S111 and preshear\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:12
S115	419	S111 and shear\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:12
S116	215	S115 and dispers\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:14
S117	309	S115 and viscosity	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:14
S118	140	S116 and S117	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:17
S119	0	S117 and (stable adj viscosity)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:17
S120	268	S117 and stable	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:22
S121	384	(stable adj viscosity) and shear\$3 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:22

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S12 2	19	S121 and nano\$10	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:26
S12 3	305	S121 and dispers\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 11:59
S12 4	221	pre-shear\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:02
S12 5	119	S124 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:03
S12 6	79	S125 and viscosity	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:07
S12 7	889	(stable adj viscosity) and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 12:09
S12 8	28	S127 and ultrasonic\$4	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 12:11
S12 9	5	S127 and (fuel adj injector)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 12:12
S13 0	206536	(gel or paste) and (dispersion or suspension) and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:21
S13 1	8908	(nanomaterial\$1 or nanotube\$1 or nanofiber\$1)	US-PGPUB; USPAT	AND	ON	2006/08/01 13:36
S13 2	554	S130 and S131	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:21
S13 3	0	S132 and (functional adj fluid)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:22
S13 4	92	S132 and lubric\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:25
S13 5	43	S134 and oil\$1	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:26
S13 6	700	nonylphenoxy(ethyleneoxy)ethanol	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:27

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S13 7	570	nonylphenoxy(ethyleneoxy)ethanol and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:27
S13 8	323	nonylphenoxy(ethyleneoxy)ethanol and @ad<"20020530" and dispers\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 12:27
S13 9	72	S138 and lubric\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 13:24
S14 0	159	S136 and (dispersant or "dispersing agent" or "dispersal agent")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:28
S14 1	9	S140 and ("508".clas. or "252".clas.)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:25
S14 2	132	S140 and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:27
S14 3	1	S140 and @ad<"20020530" and S131	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:27
S14 4	159	nonylphenoxy(ethyleneoxy)ethanol and (dispersant or "dispersing agent" or "dispersal agent")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:28
S14 5	1	nonylphenoxy(ethyleneoxy)ethanol near (dispersant or "dispersing agent" or "dispersal agent")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:30
S14 6	11	nonylphenoxy(ethyleneoxy)ethanol with (dispersant or "dispersing agent" or "dispersal agent")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:31
S14 7	230	antarox and (dispersant or "dispersing agent" or "dispersal agent")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:31
S14 8	150	antarox and (dispersant or "dispersing agent" or "dispersal agent") and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:32
S14 9	35	S148 and lubric\$8	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:35

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S15 0	0	S148 and S131	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:35
S15 1	6	S148 and (heat adj transfer)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:37
S15 2	0	S148 and (functional adj fluid)	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:38
S15 3	123	S148 and carbon	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:38
S15 4	240	(S144 or S148) and oil	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:39
S15 5	124	S154 and fluid	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:56
S15 6	4	S154 and S131	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:39
S15 7	0	(S144 or S148) and refrigerant	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:43
S15 8	794	nonoxynol-9	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:49
S15 9	578	nonoxynol-9 and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:49
S16 0	293	S159 and dispers\$3	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:51
S16 1	57	S159 and (dispersant or "dispersing agent")	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:51

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S16 2	1957	igepal and fluid	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:56
S16 3	17	igepal and S131	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 14:04
S16 4	1	igepal and S131 and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 13:57
S16 5	292	"igepal co-880" or "igepal co-887"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 14:04
S16 6	170	S165 and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 14:04
S16 7	118	S166 and dispers\$3	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 14:05
S16 8	0	S167 and S131	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 14:05
S16 9	1	S131 and S137	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 14:05
S17 0	1	S137 and nanoparticle	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 14:10
S17 1	2	S131 and "aqueous dispersant"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 14:11
S17 2	25	S131 and "emulsifying agent" and surfactant and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/07/31 14:11
S17 3	0	("6878361").URPN.	USPAT	AND	ON	2006/07/31 14:12

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S17 4	20	("20020068170" "20020081380" "20020092613" "20020102193" "20020102194" "20020113335" "20020127171" "20020159944" "20020172767" "20030004058" "20030031620" "20030133865" "20030170167" "5560898" "5853877" "5904852" "6331262" "6350488" "6368569" "6723299").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 14:13
S17 5	155	nikolaev.in.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 14:23
S17 6	2	("6432320").PN. OR ("6695974").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 14:42
S17 7	8	("5641424" "5863463" "6043199" "6059996" "6103144").PN. OR ("6432320").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 14:42
S17 8	890	S131 and lubric\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 14:44
S17 9	226	S178 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 14:44
S18 0	135	S179 and thermal	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 14:44
S18 1	122	S180 and (fluid or liquid or oil or grease)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 14:44
S18 2	23	S181 and dispersant	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 14:44
S18 3	481	moy.in.	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 15:41
S18 4	1939	("aspect ratio" or "length to diameter ratio") and S131	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:26
S18 5	571	S184 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:00
S18 6	329	S185 and dispers\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:01

EAST Search History

S18 7	66	S186 and (heat adj transfer)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:02
S18 8	166	S186 and fluid	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:12
S18 9	124	S188 and conductivity	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:25
S19 0	273	S185 and (dispers\$3 or suspen\$4) and "500"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:26
S19 1	104	("aspect ratio" or "length to diameter ratio") near S131	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:26
S19 2	32	S191 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:32
S19 3	1	S192 and (heat adj transfer)\	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:33
S19 4	1	S192 and (heat adj transfer)	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:35
S19 5	14	nanofluids and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:37
S19 6	1650	ratio and S131 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:37
S19 7	1115	S196 and thermal	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:38
S19 8	736	S197 and conductivity	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:38
S19 9	83	S198 and lubric\$8	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:41
S20 0	55	S198 and lubric\$8 and ("500" or "5000")	US-PGPUB; USPAT; USOCR	AND	ON	2006/07/31 16:41
S20 1	1	("6419717").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/01 09:03

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S20 2	13	ultrasonic and (preshear\$3 or pre-shear\$3) and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:16
S20 3	8922	(nanomaterial\$1 or nanotube\$1 or nanofiber\$1)	US-PGPUB; USPAT	AND	ON	2006/08/01 09:16
S20 4	1308	(gel or paste) and dispersion and S203	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:16
S20 5	362	S204 and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:17
S20 6	1319	(gel or paste) and (heat adj transfer adj fluid) and @ad<"20050530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:24
S20 7	329	S206 and dispersion	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:18
S20 8	237	S207 and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:18
S20 9	898	(gel or paste) and (heat adj transfer adj medium) and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:24
S21 0	212	S209 and dispersion	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:25
S21 1	48	S209 and dispersion and lubric\$8	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:28
S21 2	478	(gel or paste) and "functional fluid" and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:29
S21 3	210	S212 and dispersion	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:29

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S21 4	95	paste and "functional fluid" and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:29
S21 5	60	S214 and dispersion	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 09:29
S21 6	171	(pre-shear\$3 or preshear\$3) and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 15:15
S21 7	13987	lubricant and shear and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 14:15
S21 8	8922	(nanomaterial\$1 or nanotube\$1 or nanofiber\$1)	US-PGPUB; USPAT	AND	ON	2006/08/01 14:15
S21 9	49	lubricant and shear and S218 and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 15:01
S22 0	0	(stable adj viscosity) and shear and S218 and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 14:20
S22 1	354	(stable adj viscosity) and shear and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 14:20
S22 2	199	(stable adj viscosity) and shear and dispersion and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 14:51
S22 3	44	(stable adj viscosity) and nozzle and dispersion and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 14:54
S22 4	3	(stable adj viscosity) and (turbulent adj flow) and dispersion and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 14:55
S22 5	17	(stable adj viscosity) and ultrasonic\$4 and dispersion and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 15:01
S22 6	17	(stable adj viscosity) and ultrasonic\$4 and dispersion and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 15:01
S22 7	49	lubricant and shear and S218 and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 15:01
S22 8	173	(pre-shear\$3 or preshear\$3) and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 15:03
S22 9	2	(pre-shear\$3 or preshear\$3) and @ad<"20020530"	USOCR; EPO	AND	ON	2006/08/01 15:03
S23 0	5850	shear and lubricant and dispersion and @ad<"20020530"	US-PGPUB; USPAT; USOCR; EPO	AND	ON	2006/08/01 15:04

EAST Search History

S23 1	0	shear and lubricant and dispersion and @ad<"20020530"	USOCR; EPO	AND	ON	2006/08/01 15:04
S23 2	4490	shear and lubricant and dispersion and viscosity @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 15:04
S23 3	112	shear and lubricant and dispersion and viscosity and injector and @ad<"20020530"	US-PGPUB; USPAT	AND	ON	2006/08/01 15:04
S23 4	71	S216 and stable	US-PGPUB; USPAT	AND	ON	2006/08/01 15:16
S23 5	8788	shear and homogeneous and dispersion and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:23
S23 6	1982	S235 and lubricant	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:23
S23 7	32	S236 and (functional adj fluid)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:26
S23 8	281	shear near uniform and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:27
S23 9	98	shear near uniform and dispersion and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:36
S24 0	1601	shear near viscosity and dispersion and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:37
S24 1	40	shear near viscosity and dispersion and injector and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:41
S24 2	3749	dispersion and sonicated and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:41
S24 3	1127	dispersion and sonicated and viscosity and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:41
S24 4	24	dispersion and sonicated and viscosity and S218 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:53
S24 5	10	dispersion and ultrasonicated and viscosity and S218 and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:56
S24 6	72	("nanotube suspension" or "nanotube dispersion") and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 15:57

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S24 7	41	("nanotube suspension" or "nanotube dispersion") and @ad<"20020530" and \$sonicated	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:02
S24 8	35	("nanotube suspension" or "nanotube dispersion") and @ad<"20020530" and injected	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:04
S24 9	1429	shearing and @ad<"20020530" and "aspect ratio"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:04
S25 0	839	shearing and @ad<"20020530" and "aspect ratio" and (dispersion or suspension)	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:04
S25 1	571	S250 and viscosity	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:05
S25 2	7	S251 and S218	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:10
S25 3	1385	shearing and agglomerates and viscosity and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:11
S25 4	0	preshearing and agglomerates and viscosity and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:11
S25 5	2	pre-shearing and agglomerates and viscosity and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:11
S25 6	2	pre-shear and agglomerates and viscosity and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:13
S25 7	6	preshear and agglomerates and viscosity and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:14
S25 8	1	presheared and agglomerates and viscosity and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:15
S25 9	0	pre-sheared and agglomerates and viscosity and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:15
S26 0	366	sheared and agglomerates and viscosity and @ad<"20020530"	US-PGPUB; USPAT; USOCR	AND	ON	2006/08/01 16:15